

**Flood Control Project Maintenance
Levee Inspections**

2011 Channel Summary Report

Overall Unit and Item Ratings

Merced Streams Group

Bear Creek

Overall Unit Rating	Rated Item	Item Rating
M	Vegetation & Obstructions	A
	Shoaling / Sedimentation	M
	Erosion / Bank Caving	M
	Revetments	A
	Encroachments	A

Black Rascal Creek

Overall Unit Rating	Rated Item	Item Rating
M	Vegetation & Obstructions	M
	Shoaling / Sedimentation	M
	Erosion / Bank Caving	M
	Revetments	M
	Encroachments	A

Burns Creek

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	N
	Encroachments	A

Mariposa Creek & Duck Slough

Overall Unit Rating	Rated Item	Item Rating
M	Vegetation & Obstructions	M
	Shoaling / Sedimentation	M
	Erosion / Bank Caving	M
	Revetments	N
	Encroachments	A

Miles Creek

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A

Owens Creek

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	M

Flood Control Project Maintenance**Unit Cover Sheet****2011 Channel Inspection Results****Merced Streams Group**

Channel
Bear Creek

Channel Rating	M
Date of Inspection	7/19/2011
DWR Inspector	Herman Phillips
Accompanied By	No One No One

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Bear Creek				21.00	07/19/2011 07/19/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Bonner Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.336900 ° -120.311100 °	Y	1
2		Up	Shoaling / Sedimentation		M	Inspector Comments: Tullies present on shoal and both banks.	37.336900 ° -120.311100 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: Did not notice any erosion at this location during this inspection.	37.336900 ° -120.311100 °		3
4		Up	Revetments		N	Inspector Comments: No Rip rap on banks at this location.	37.336900 ° -120.311100 °		4
5		Up	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.336900 ° -120.311100 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: There is a little growth in the channel, flow is not diverted.	37.336900 ° -120.311100 °	Y	6
7		Down	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.	37.336900 ° -120.311100 °		7
8		Down	Erosion / Bank Caving		M	Inspector Comments: The main channel here at this location is rather wide only the pilot channel has water about 300 yards from bridge crossing has some erosion to the left bank of channel.	37.336900 ° -120.311100 °		8
9		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.336900 ° -120.311100 °		9
10		Down	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.336900 ° -120.311100 °		10
11	Arboleda Dr	Up	Vegetation & Obstructions		M	Inspector Comments: There is vegetation building up on the right bank of the channel and some growth in the channel downstream of bridge crossing.	37.311970 ° -120.415350 °	Y	21
12		Up	Shoaling / Sedimentation		A		37.311970 ° -120.415350 °		22
13		Up	Erosion / Bank Caving		A		37.311970 ° -120.415350 °		23

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment
C : Corrected

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Channel Inspections**

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Merced Streams Group

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LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
14		Up	Revetments		N	Inspector Comments: No rip rap at this location that I could see during this inspection.	37.311970 ° -120.415350 °		24
15		Up	Encroachments		A	Inspector Comments: No Encroachments present.	37.311970 ° -120.415350 °		25
16		Down	Vegetation & Obstructions		M	Inspector Comments: Wild growth on both banks of the Bear Creek.	37.311970 ° -120.415350 °	Y	26
17		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.311970 ° -120.415350 °		27
18		Down	Erosion / Bank Caving		M	Inspector Comments: Unable to see banks due to wild growth.	37.311970 ° -120.415350 °		28
19		Down	Revetments		M	Inspector Comments: Dense brush prohibit view of banks, unable to see if any revetment at this location.	37.311970 ° -120.415350 °		29
20		Down	Encroachments		A	Inspector Comments: No encroachment noted at this location.	37.311970 ° -120.415350 °		30
21	Kibby Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Vegetation present on both banks.	37.312200 ° -120.415000 °	Y	31
22		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling at this location.	37.312200 ° -120.415000 °		32
23		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.312200 ° -120.415000 °		33
24		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.312200 ° -120.415000 °		34
25		Up	Encroachments		A	Inspector Comments: No Enchroachment present at this location.	37.312200 ° -120.415000 °		35
26		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.312200 ° -120.415000 °	Y	36
27		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.312200 ° -120.415000 °		37

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Channel				Channel Length	Inspection Start/End	Inspector
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LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
28		Down	Erosion / Bank Caving		U	Inspector Comments: Apparent head cutting and horizontal deviation of more than 1 foot from designed grade or cross section. Corrective actions required to stop or slow erosion.	37.312200 ° -120.415000 °	Y	38
29		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.312200 ° -120.415000 °		39
30		Down	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.312200 ° -120.415000 °		40
31	McKee Rd	Up	Vegetation & Obstructions		A	Inspector Comments: There is an existence of vegetation present on both banks flow is not diverted.	37.309600 ° -120.444500 °	Y	41
32		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.309600 ° -120.444500 °		42
33		Up	Erosion / Bank Caving		U	Inspector Comments: Apparent head cutting and horizontal deviation of more than 1 foot from designed grade or cross section. Corrective actions required to stop or slow erosion.	37.309600 ° -120.444500 °	Y	43
34		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.309600 ° -120.444500 °		44
35		Up	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.309600 ° -120.444500 °		45
36		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.309600 ° -120.444500 °	Y	46
37		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.309600 ° -120.444500 °		47
38		Down	Erosion / Bank Caving		U	Inspector Comments: Apparent head cutting and horizontal deviation of more than 1 foot from designed grade or cross section. Corrective actions required to stop or slow erosion.	37.309600 ° -120.444500 °	Y	48
39		Down	Revetments		N	Inspector Comments: The revetment at this location has been displaced by erosion.	37.309600 ° -120.444500 °		49
40		Down	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.309600 ° -120.444500 °		50

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LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
41	R St	Up	Vegetation & Obstructions		N	Inspector Comments: The channel is clear of vegetation no obstructions.	37.313400 ° -120.487500 °	Y	51
42		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.313400 ° -120.487500 °		52
43		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.313400 ° -120.487500 °		53
44		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.313400 ° -120.487500 °		54
45		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	37.313400 ° -120.487500 °		55
46		Down	Vegetation & Obstructions		A	Inspector Comments: No vegetation in the channel.	37.313400 ° -120.487500 °	Y	56
47		Down	Shoaling / Sedimentation		A		37.313400 ° -120.487500 °		57
48		Down	Erosion / Bank Caving		A		37.313400 ° -120.487500 °		58
49		Down	Revetments		A		37.313400 ° -120.487500 °		59
50		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	37.313400 ° -120.487500 °		60
51	Franklin Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.311400 ° -120.541000 °	Y	61
52		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.311400 ° -120.541000 °		62
53		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.311400 ° -120.541000 °		63
54		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.311400 ° -120.541000 °		64

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Bear Creek				21.00	07/19/2011 07/19/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
55		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	37.311400 ° -120.541000 °		65
56		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.311400 ° -120.541000 °	Y	66
57		Down	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.	37.311400 ° -120.541000 °		67
58		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.311400 ° -120.541000 °		68
59		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.311400 ° -120.541000 °		69
60		Down	Encroachments		A	Inspector Comments: This item does not apply to this inspection.	37.311400 ° -120.541000 °		70
61	Hwy 140	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.302500 ° -120.551500 °	Y	71
62		Up	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.	37.302500 ° -120.551500 °		72
63		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.302500 ° -120.551500 °		73
64		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.302500 ° -120.551500 °		74
65		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	37.302500 ° -120.551500 °		75
66		Down	Vegetation & Obstructions		M	Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW.	37.302500 ° -120.551500 °	Y	76

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Bear Creek					21.00	07/19/2011 07/19/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
67		Down	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.	37.302500 ° -120.551500 °		77
68		Down	Erosion / Bank Caving		A		37.302500 ° -120.551500 °		78
69		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.302500 ° -120.551500 °		79
70		Down	Encroachments		A	Inspector Comments: This item does not apply to this inspection.	37.302500 ° -120.551500 °		80
71	Buhach Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW.	37.291200 ° -120.577900 °	Y	81
72		Up	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.	37.291200 ° -120.577900 °		82
73		Up	Erosion / Bank Caving		A		37.291200 ° -120.577900 °		83
74		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.291200 ° -120.577900 °		84
75		Up	Encroachments		A	Inspector Comments: No Encroachment observed during this inspection.	37.291200 ° -120.577900 °		85
76		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.291200 ° -120.577900 °	Y	86
77		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.291200 ° -120.577900 °		87
78		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.291200 ° -120.577900 °		88
79		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.291200 ° -120.577900 °		89

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LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
80		Down	Encroachments		A	Inspector Comments: No Enchroachment at this location.	37.291200 ° -120.577900 °		90
81	Dickerson Ferry Rd	Up	Vegetation & Obstructions		A	Inspector Comments: There is vegetation on right bank in channel, flow is not impeded.	37.273000 ° -120.599700 °	Y	91
82		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.273000 ° -120.599700 °		92
83		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.273000 ° -120.599700 °		93
84		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.273000 ° -120.599700 °		94
85		Up	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.273000 ° -120.599700 °		95
86		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.273000 ° -120.599700 °	Y	96
87		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.273000 ° -120.599700 °		97
88		Down	Erosion / Bank Caving		M	Inspector Comments: Erosion present downstream from bridge crossing left bank in the curve in view from bridge.	37.273000 ° -120.599700 °		98
89		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.273000 ° -120.599700 °		99
90		Down	Encroachments		A	Inspector Comments: No Enchroachments at this site.	37.273000 ° -120.599700 °		100
91	Bert Crane Rd	Up	Vegetation & Obstructions		N	Inspector Comments: No vegetation in channel at this crossing.	37.263000 ° -120.633300 °	Y	101
92		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.263000 ° -120.633300 °		102
93		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.263000 ° -120.633300 °		103

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LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
94		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.263000 ° -120.633300 °		104
95		Up	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.263000 ° -120.633300 °		105
96		Down	Vegetation & Obstructions		N	Inspector Comments: There is no vegetation in channel that impedes the flow in channel.	37.263000 ° -120.633300 °	Y	106
97		Down	Shoaling / Sedimentation		A		37.263000 ° -120.633300 °		107
98		Down	Erosion / Bank Caving		A		37.263000 ° -120.633300 °		108
99		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.263000 ° -120.633300 °		109
100		Down	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.263000 ° -120.633300 °		110

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Bear Creek	21.00	07/19/2011 07/19/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Bonner Rd crossing the Bear Creek. Looking upstream from the bridge, tullies present in channel. Photo taken 7-19-2011.

phillips_c_20110819_089.jpg



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Bonner Road crossing the Bear Creek looking downstream at the pilot channel from the bridge. Photo taken 7-19-2011.

phillips_c_20110819_090.jpg



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Arboleda Dr. crossing Bear Creek looking upstream. Photo 7-19-2011

phillips_c_20110823_091.jpg



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Bear Creek	21.00	07/19/2011 07/19/2011	Herman Phillips

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Arboleda Dr.crossing the Bear Creek looking downstream at channel. Photo taken 7-19-2011.	
phillips_c_20110823_092.jpg	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Standing on the Kibby Road bridge crossing the Bear Creek facing upstream. This photo was taken 7-19-2011	
phillips_c_20110829_093.jpg	



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Kibby Rd crossing the Bear Creek looking downstream from bridge. Photo taken 7-19-2011.	
phillips_c_20110829_094.jpg	

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Levee Mile Report Line	28
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
Looking on left bank facing downstream erosion exist downstream from rock protection. Photo taken 7-19-2011.	
phillips_c_20110829_095.jpg	



Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
McKee Rd crossing the Bear Creek facing upstream. Vegetation present on both banks does not divert flow in channel. Photo taken 7-19-2011.	
phillips_c_20110829_096.jpg	



Levee Mile Report Line	33
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
Erosion on right bank upstream of McKee Rd crossing the Bear Creek.	
phillips_c_20110829_098.jpg	

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CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/19/2011 07/19/2011	Herman Phillips

Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

McKee Rd crossing the Bear Creek looking downstream . Photo taken 7-19-2011.

phillips_c_20110829_097.jpg



Levee Mile Report Line	38
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving

Looking downstream from McKee Rd crossing erosion present on the right bank. This photo was taken 7-19-2011.

phillips_c_20110829_099.jpg



Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

R Street crossing the Bear Creek looking back upstream along the bike trail left bank. Photo taken 7-19-2011

phillips_c_20110830_100.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
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N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/19/2011 07/19/2011	Herman Phillips

Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Standing under R street Bridge looking downstream. This photo was taken 7-19-2011.

phillips_c_20110830_102.jpg



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Standing on Franklin Rd. crossing the Bear Creek. This photo taken 7-20-2011.

phillips_c_20110830_103.jpg



Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Franklin Rd. crossing the Bear Creek facing downstream. This photo taken 7-20-2011.

phillips_c_20110830_105.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/19/2011 07/19/2011	Herman Phillips

Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Hwy 140 Rd. crossing the Bear Creek facing upstream. Photo taken 7-20-2011.	
phillips_c_20110830_106.jpg	



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Hwy 140 bridge crossing the Bear Creek facing downstream. Wild growth on both banks and in channel.	
phillips_c_20110831_107.jpg	



Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Buhach Rd. crossing Bear Creek facing upstream. Both banks are covered with growth. Photo taken 7-20-2011.	
phillips_c_20110831_108.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/19/2011 07/19/2011	Herman Phillips

Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Buhach Rd. crossing the Bear Creek facing downstream. Photo taken 7-20-2011.	
phillips_c_20110831_109.jpg	



Levee Mile Report Line	81
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Dickensen Ferry Rd. looking upstream at Bear Creek vegetation present on both banks and in channel Right Bank. Photo taken 7-20-2011.	
phillips_c_20110831_112.jpg	



Levee Mile Report Line	86
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Dickerson Ferry Rd. looking downstream at Bear Creek. Photo taken 7-20-2011. Some vegetation in channel r on right bank and in the channel	
phillips_c_20110831_113.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	07/19/2011 07/19/2011	Herman Phillips

Levee Mile Report Line	91
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Bert Crane Rd. crossing the Bear Creek looking upstream at channel. Photo taken 7-20-2011.

phillips_c_20110831_114.jpg



Levee Mile Report Line	96
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Bert Crane Rd. Crossing the Bear Creek looking downstream. Photo taken 7-20-2011.

phillips_c_20110831_115.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected, see Inspector Comment

C : Corrected

Flood Control Project Maintenance**Unit Cover Sheet****2011 Channel Inspection Results****Merced Streams Group**

Channel
Black Rascal Creek

Channel Rating	M
Date of Inspection	7/13/2011
DWR Inspector	Herman Phillips
Accompanied By	No One No One

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Black Rascal Creek					6.00	07/13/2011 07/13/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Santa Fe Dr	Up	Vegetation & Obstructions		M	Inspector Comments: Vegetation present along both banks and in the channel.	37.320720 ° -120.508760 °	Y	1
2		Up	Shoaling / Sedimentation		U	Inspector Comments: Shoaling is established, stabilized by grasses and some brush.	37.320720 ° -120.508760 °		2
3		Up	Erosion / Bank Caving		M	Inspector Comments: Unable to see banks for erosion due to the presence of heavy growth.	37.320720 ° -120.508760 °		3
4		Up	Revetments		U	Inspector Comments: Unable to see revetment at this location.	37.320720 ° -120.508760 °		4
5		Up	Encroachments		M	Inspector Comments: There is trash in channel under bridge, there is a community of homeless living in the brush and unsr the bridge athis location.	37.320720 ° -120.508760 °		5
6		Down	Vegetation & Obstructions		M	Inspector Comments: Vegetation in the channel.	37.320720 ° -120.508760 °	Y	6
7		Down	Shoaling / Sedimentation		U	Inspector Comments: Shoaling is well established , stabliled by trees, brush and other vegetation.	37.320720 ° -120.508760 °		7
8		Down	Erosion / Bank Caving		A		37.320720 ° -120.508760 °		8
9		Down	Revetments		M	Inspector Comments: Unable to see revetment.	37.320720 ° -120.508760 °		9
10		Down	Encroachments		A	Inspector Comments: No encroachments in the channel.	37.320720 ° -120.508760 °		10
11	Crocker Dam	Up	Vegetation & Obstructions		A		37.312200 ° -120.533000 °	Y	11
12		Up	Shoaling / Sedimentation		A		37.312200 ° -120.533000 °		12
13		Up	Erosion / Bank Caving		A		37.312200 ° -120.533000 °		13
14		Up	Revetments		N	Inspector Comments: No revetment at this location.	37.312200 ° -120.533000 °		14
15		Up	Encroachments		A		37.312200 ° -120.533000 °		15

*** Location**

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C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Black Rascal Creek					6.00	07/13/2011 07/13/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
16		Down	Vegetation & Obstructions		M	Inspector Comments: Minor vegetation in the channel.	37.312200 ° -120.533000 °	Y	16
17		Down	Shoaling / Sedimentation		A		37.312200 ° -120.533000 °		17
18		Down	Erosion / Bank Caving		A		37.312200 ° -120.533000 °		18
19		Down	Revetments		A		37.312200 ° -120.533000 °		19
20		Down	Encroachments		A		37.312200 ° -120.533000 °		20
21	Franklin Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation in the channel.	37.314050 ° -120.541078 °	Y	21
22		Up	Shoaling / Sedimentation		A		37.314050 ° -120.541078 °		22
23		Up	Erosion / Bank Caving		A		37.314050 ° -120.541078 °		23
24		Up	Revetments		N	Inspector Comments: No revetment at this location.	37.314050 ° -120.541078 °		24
25		Up	Encroachments		A	Inspector Comments: No Encroachments present at this location.	37.314050 ° -120.541078 °		25
26		Down	Vegetation & Obstructions		M	Inspector Comments: Vegetation is present on both banks of the Black Rascal Creek.	37.314050 ° -120.541078 °	Y	26
27		Down	Shoaling / Sedimentation		A		37.314050 ° -120.541078 °		27
28		Down	Erosion / Bank Caving		A		37.314050 ° -120.541078 °		28
29		Down	Revetments		N	Inspector Comments: No revetment at this location.	37.314050 ° -120.541078 °		29
30		Down	Encroachments		A	Inspector Comments: No Encroachments present at this location.	37.314050 ° -120.541078 °		30
31	Gurr Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Vegetation present on both banks.	37.313110 ° -120.559070 °	Y	31

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Black Rascal Creek					6.00	07/13/2011 07/13/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
32		Up	Shoaling / Sedimentation		A		37.313110 ° -120.559070 °		32
33		Up	Erosion / Bank Caving		A		37.313110 ° -120.559070 °		33
34		Up	Revetments		N	Inspector Comments: No revetment at this location.	37.313110 ° -120.559070 °		34
35		Up	Encroachments		A		37.313110 ° -120.559070 °		35
36		Down	Vegetation & Obstructions		M	Inspector Comments: Vegetation on the left bank should be removed.	37.313110 ° -120.559070 °	Y	36
37		Down	Shoaling / Sedimentation		A		37.313110 ° -120.559070 °		37
38		Down	Erosion / Bank Caving		M	Inspector Comments: No erosion could be seen due to vegetation.	37.313110 ° -120.559070 °		38
39		Down	Revetments		N	Inspector Comments: No revetment at this location.	37.313110 ° -120.559070 °		39
40		Down	Encroachments		A		37.313110 ° -120.559070 °		40
41	Hwy 140	Up	Vegetation & Obstructions		M	Inspector Comments: Vegetation present on both banks, flow is not impeded.	37.302400 ° -120.575460 °	Y	41
42		Up	Shoaling / Sedimentation		M	Inspector Comments: Could not verify due to vegetation.	37.302400 ° -120.575460 °		42
43		Up	Erosion / Bank Caving		M	Inspector Comments: Minor erosion at bridge should be monitored.	37.302400 ° -120.575460 °	Y	43
44		Up	Revetments		N	Inspector Comments: No revetment at this location.	37.302400 ° -120.575460 °		44
45		Up	Encroachments		A		37.302400 ° -120.575460 °		45
46		Down	Vegetation & Obstructions		M	Inspector Comments: Vegetation in the channel along the right bank.	37.302400 ° -120.575460 °	Y	46
47		Down	Shoaling / Sedimentation		A		37.302400 ° -120.575460 °		47

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Black Rascal Creek					6.00	07/13/2011 07/13/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
48		Down	Erosion / Bank Caving		M	Inspector Comments: Erosion present on the downstream left bank side of channel.	37.302400 ° -120.575460 °	Y	48
49		Down	Revetments		N	Inspector Comments: No revetment at this location.	37.302400 ° -120.575460 °		49
50		Down	Encroachments		M	Inspector Comments: There is wild growth of brush present on downstream end of project.	37.302400 ° -120.575460 °		50
51	Quinley Rd	Up	Vegetation & Obstructions		A		37.293797 ° -120.596922 °	Y	51
52		Up	Shoaling / Sedimentation		A		37.293797 ° -120.596922 °		52
53		Up	Erosion / Bank Caving		A		37.293797 ° -120.596922 °	Y	53
54		Up	Revetments		A		37.293797 ° -120.596922 °		54
55		Up	Encroachments		A		37.293797 ° -120.596922 °		55
56		Down	Vegetation & Obstructions		M	Inspector Comments: Vegetation present in channel downstream from bridge crossing.	37.293797 ° -120.596922 °	Y	56
57		Down	Shoaling / Sedimentation		A		37.293797 ° -120.596922 °		57
58		Down	Erosion / Bank Caving		M	Inspector Comments: Vegetation blocks view of any erosion.	37.293797 ° -120.596922 °		58
59		Down	Revetments		M	Inspector Comments: Could not see the revetment due to vegetation.	37.293797 ° -120.596922 °		59
60		Down	Encroachments		A	Inspector Comments: Last years inspection there was an unauthorized earthen dam placed across channel. It has been removed prior to this year's inspection. 7-13-2011	37.293797 ° -120.596922 °		60
61	Oak Ave	Up	Vegetation & Obstructions		A		37.280330 ° -120.609400 °	Y	61
62		Up	Shoaling / Sedimentation		A		37.280330 ° -120.609400 °		62

*** Location**

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N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector	
Black Rascal Creek					6.00	07/13/2011 07/13/2011	Herman Phillips	

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
63		Up	Erosion / Bank Caving		A		37.280330 ° -120.609400 °		63
64		Up	Revetments		N	Inspector Comments: No revetment at this location.	37.280330 ° -120.609400 °		64
65		Up	Encroachments		A		37.280330 ° -120.609400 °		65
66		Down	Vegetation & Obstructions		A		37.280330 ° -120.609400 °	Y	66
67		Down	Shoaling / Sedimentation		A		37.280330 ° -120.609400 °		67
68		Down	Erosion / Bank Caving		M	Inspector Comments: Erosion downstream left bank of Black Rascal Creek off Oak Avenue road crossing.	37.280330 ° -120.609400 °	Y	68
69		Down	Revetments		N	Inspector Comments: There is no riprap on either bank up stream nor downstream from this crossing.	37.280330 ° -120.609400 °		69
70		Down	Encroachments		A		37.280330 ° -120.609400 °		70
71	Bear Creek Confluence	Up	Vegetation & Obstructions		A		37.268311 ° -120.624111 °	Y	71
72		Up	Shoaling / Sedimentation		A		37.268311 ° -120.624111 °		72
73		Up	Erosion / Bank Caving		A		37.268311 ° -120.624111 °		73
74		Up	Revetments		N	Inspector Comments: No revetment at this location.	37.268311 ° -120.624111 °		74
75		Up	Encroachments		A		37.268311 ° -120.624111 °		75
76		Down	Vegetation & Obstructions		A	Inspector Comments: Channel had good flow, not obstructed.	37.268311 ° -120.624111 °	Y	76
77		Down	Shoaling / Sedimentation		A		37.268311 ° -120.624111 °		77
78		Down	Erosion / Bank Caving		A		37.268311 ° -120.624111 °		78

*** Location**

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WS : Water Side
CR : Crown

**** Rating**

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PO : Partially Obstructing
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N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Black Rascal Creek					6.00	07/13/2011 07/13/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
79		Down	Revetments		A		37.268311 ° -120.624111 °		79
80		Down	Encroachments		A		37.268311 ° -120.624111 °		80

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable N : Not Inspected, see Inspector Comment

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	07/13/2011 07/13/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Standing on Santa Fe Drive looking up stream at BlackRascal Creek, wild growth present on both banks and in channel. Photo taken 7-13-2011.

phillips_c_20110713_001.jpg



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Looking downstream at wild growth on rightbank BlackRascal Creek. Photo taken 7-13-2011.

phillips_c_20110713_002.jpg



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Standing on upstream right bank of Crocker Dam crossing on the Black Rascal Creek. This photo was taken 7-13-2011.

phillips_c_20110718_003.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable
PO : Partially Obstructing
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N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	07/13/2011 07/13/2011	Herman Phillips

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Looking downstream from Crocker Dam at Back Rascal Creek. Photo taken 7-13-2011.	
phillips_c_20110718_004.jpg	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Looking upstream of Black Rascal Creek at Franklin Road crossing. Photo taken 7-13--2011.	
phillips_c_20110718_005.jpg	



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Looking downstream from Franklin Road crossing at Black Rascal Creek. Photo taken 7-13-2011.	
phillips_c_20110718_006.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	07/13/2011 07/13/2011	Herman Phillips

Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Looking upstream at Black Rascal Creek from Gurr Road crossing. Photo taken 7-13-2011.

phillips_c_20110718_007.jpg



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Looking downstream of Black Rascal Creek from Gurr Road crossing the Black Rascal Creek. Photo taken 7-13-2011.

phillips_c_20110718_008.jpg



Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Looking upstream Hwy 140 crossing the Black Rascal Creek, wild growth shown on both banks. Photo taken 7-13-2011.

phillips_c_20110718_009.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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U : Unacceptable

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N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	07/13/2011 07/13/2011	Herman Phillips

Levee Mile Report Line	43
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
Looking upstream at erosion rightbank toe of Black Rascal Creek at HWY 140 Bridge crossing. 7-13-2011	
phillips_c_20110718_010.jpg	



Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Looking downstream from Hwy 140 at Black Rascal Creek. 7-13-2011.	
phillips_c_20110718_011.jpg	



Levee Mile Report Line	48
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
Erosion exist downstream from Hwy 140 L/B near bridge crossing, there is no riprap present at location. Photo taken 7-13-2011.	
phillips_c_20110727_034.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	07/13/2011 07/13/2011	Herman Phillips

Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Looking upstream from Quinley Road crossing at Black Rascal Creek. Photo taken 7-13-2011.

phillips_c_20110727_035.jpg



Levee Mile Report Line	53
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving

looking upstream from Quinley Road crossing the Black Rascal Creek upstream R/B, erosion along the bank. 7-13-2011.

phillips_c_20110727_037.jpg



Levee Mile Report Line	53
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving

Erosion present L/B upstream covered up by wild growth. 7-13-2011.

phillips_c_20110727_038.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	07/13/2011 07/13/2011	Herman Phillips

Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Looking downstream of Black Rascal Creek channel clear for 100 yards, brush buildup from that point farther downstream. The date of this photo was 7-13-2011.

phillips_c_20110727_036.jpg



Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Looking upstream from Oak Avenue crossing the Black Rascal Creek. Photo taken 7-13-2011.

phillips_c_20110727_039.jpg



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Standing on Oak Ave. Bridge crossing the Black Rascal Creek looking downstream at channel. Photo taken 7-13-2011.

phillips_c_20110809_063.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	07/13/2011 07/13/2011	Herman Phillips

Levee Mile Report Line	68
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
Looking downstream L/B erosion at Oak Avenue bridge crossing. 7-13-2011.	
phillips_c_20110727_040.jpg	



Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
looking upstream at the confluence of the Bear Creek merging into the Black Rascal Creek. 7-13-2011.	
phillips_c_20110727_041.jpg	



Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Looking downstream at Black Rascal Creek down from the confluence. 7-13-2011.	
phillips_c_20110727_042.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

Flood Control Project Maintenance**Unit Cover Sheet****2011 Channel Inspection Results****Merced Streams Group**

Channel
Burns Creek

Channel Rating	A
Date of Inspection	9/27/2011
DWR Inspector	Herman Phillips
Accompanied By	Tim Rodgers MID

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Burns Creek					2.00	09/27/2011 09/27/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Burns Creek Dam	Down	Vegetation & Obstructions		A	Inspector Comments: No vegetation at this location.	37.377220 ° -120.276360 °	Y	6
2		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.377220 ° -120.276360 °		7
3		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.377220 ° -120.276360 °		8
4		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.377220 ° -120.276360 °		9
5		Down	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.377220 ° -120.276360 °		10
6	Low Water Crossing	Up	Vegetation & Obstructions		M	Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW.	37.349986 ° -120.305342 °	Y	11
7		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.349986 ° -120.305342 °		12
8		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.349986 ° -120.305342 °		13
9		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.349986 ° -120.305342 °		14
10		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.349986 ° -120.305342 °		15
11		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.349986 ° -120.305342 °	Y	16
12		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.349986 ° -120.305342 °		17
13		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.349986 ° -120.305342 °		18
14		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.349986 ° -120.305342 °		19

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Burns Creek					2.00	09/27/2011 09/27/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
15		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.349986 ° -120.305342 °		20

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable N : Not Inspected, see Inspector Comment

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Burns Creek	2.00	09/27/2011 09/27/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Looking downstream from Burns Creek Dam. Photo taken 9-27-2011.	
phillips_c_20110930_118.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Standing at low water crossing Burns Creek looking upstream. Photo taken 9-27-2011.	
phillips_c_20110930_120.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Standing on left bank of low water crossing looking downstream. Photo taken 9-27-2011.	
phillips_c_20110930_121.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

Flood Control Project Maintenance**Unit Cover Sheet****2011 Channel Inspection Results****Merced Streams Group**

Channel
Mariposa Creek & Duck Slough

Channel Rating	M
Date of Inspection	7/19/2011
DWR Inspector	Herman Phillips
Accompanied By	No One No One
	No One No One
	No One No One

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough					16.00	07/19/2011 07/19/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	White Rock Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.261425 ° -120.198078 °	Y	1
2		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.261425 ° -120.198078 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.261425 ° -120.198078 °		3
4		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.261425 ° -120.198078 °		4
5		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.261425 ° -120.198078 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: No problems with vegetation.	37.261425 ° -120.198078 °	Y	6
7		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.261425 ° -120.198078 °		7
8		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.261425 ° -120.198078 °		8
9		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.261425 ° -120.198078 °		9
10		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.261425 ° -120.198078 °		10
11	Fresno Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Some vegetation in channel upstream from bridge crossing need to be removed.	37.238030 ° -120.243520 °	Y	11
12		Up	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal along with trees and brush.	37.238030 ° -120.243520 °	Y	12
13		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion.	37.238030 ° -120.243520 °		13
14		Up	Revetments		N	Inspector Comments: No revetment present.	37.238030 ° -120.243520 °		14
15		Up	Encroachments		A	Inspector Comments: No encroachments.	37.238030 ° -120.243520 °		15

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough					16.00	07/19/2011 07/19/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
16		Down	Vegetation & Obstructions		M	Inspector Comments: Vegetation present in channel.	37.238030 ° -120.243520 °	Y	16
17		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.238030 ° -120.243520 °		17
18		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion.	37.238030 ° -120.243520 °		18
19		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.238030 ° -120.243520 °		19
20		Down	Encroachments		A	Inspector Comments: No encroachments	37.238030 ° -120.243520 °		20
21	Cunningham Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Vegetation in channel.	37.238920 ° -120.252550 °	Y	21
22		Up	Shoaling / Sedimentation		U	Inspector Comments: Shoaling is well established, stabilized by trees, brush or other vegetation. Shoals are diverting flow to channel	37.238920 ° -120.252550 °		22
23		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion.	37.238920 ° -120.252550 °		23
24		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection. No revetment present.	37.238920 ° -120.252550 °		24
25		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.238920 ° -120.252550 °		25
26		Down	Vegetation & Obstructions		A	Inspector Comments: No vegetation.	37.238920 ° -120.252550 °	Y	26
27		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling at this location.	37.238920 ° -120.252550 °		27
28		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion present.	37.238920 ° -120.252550 °		28
29		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection, no revetment.	37.238920 ° -120.252550 °		29
30		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.238920 ° -120.252550 °		30

*** Location**

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**** Rating**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough					16.00	07/19/2011 07/19/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
31	RR Bridge near Santa Fe Dr	Up	Vegetation & Obstructions		M	Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW.	37.239220 ° -120.259020 °	Y	31
32		Up	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.	37.239220 ° -120.259020 °		32
33		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion present.	37.239220 ° -120.259020 °		33
34		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.239220 ° -120.259020 °		34
35		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.239220 ° -120.259020 °		35
36		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.239220 ° -120.259020 °	Y	36
37		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling at this site.	37.239220 ° -120.259020 °		37
38		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion.	37.239220 ° -120.259020 °		38
39		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.239220 ° -120.259020 °		39
40		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.239220 ° -120.259020 °		40
41	Burchell Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions of vegetation present. The flow is not impeded.	37.257610 ° -120.288730 °	Y	41
42		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.257610 ° -120.288730 °		42
43		Up	Erosion / Bank Caving		A	Inspector Comments: There is no erosion on slopes.	37.257610 ° -120.288730 °		43
44		Up	Revetments		N	Inspector Comments: No Revetments.	37.257610 ° -120.288730 °		44
45		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.257610 ° -120.288730 °		45

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough					16.00	07/19/2011 07/19/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
46		Down	Vegetation & Obstructions		A	Inspector Comments: No vegetation problems.	37.257610 ° -120.288730 °	Y	46
47		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.257610 ° -120.288730 °		47
48		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.257610 ° -120.288730 °		48
49		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.257610 ° -120.288730 °		49
50		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.257610 ° -120.288730 °		50
51	Plainsburg Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.258340 ° -120.324970 °	Y	51
52		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.258340 ° -120.324970 °		52
53		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.258340 ° -120.324970 °		53
54		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.258340 ° -120.324970 °		54
55		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.258340 ° -120.324970 °		55
56		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.258340 ° -120.324970 °	Y	56
57		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.258340 ° -120.324970 °		57
58		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.258340 ° -120.324970 °		58
59		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.258340 ° -120.324970 °		59
60		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.258340 ° -120.324970 °		60

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough					16.00	07/19/2011 07/19/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
61	Whealan Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW.	37.261540 ° -120.343200 °	Y	61
62		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.261540 ° -120.343200 °		62
63		Up	Erosion / Bank Caving		A	Inspector Comments: No Erosion.	37.261540 ° -120.343200 °		63
64		Up	Revetments		N	Inspector Comments: There is no revetment at this location.	37.261540 ° -120.343200 °		64
65		Up	Encroachments		A	Inspector Comments: No Encroachments present.	37.261540 ° -120.343200 °		65
66		Down	Vegetation & Obstructions		M	Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW.	37.261540 ° -120.343200 °	Y	66
67		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling .	37.261540 ° -120.343200 °		67
68		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.261540 ° -120.343200 °		68
69		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection, no revetments at this location.	37.261540 ° -120.343200 °		69
70		Down	Encroachments		A	Inspector Comments: No Encroachments.	37.261540 ° -120.343200 °		70
71	Arboleda Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.257036 ° -120.379219 °	Y	71
72		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.257036 ° -120.379219 °		72
73		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.257036 ° -120.379219 °		73
74		Up	Revetments		N	Inspector Comments: No revetment at this site.	37.257036 ° -120.379219 °		74
75		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.257036 ° -120.379219 °		75

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector		
Mariposa Creek & Duck Slough					16.00	07/19/2011 07/19/2011	Herman Phillips		
LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
76		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	37.257036 ° -120.379219 °	Y	76
77		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.257036 ° -120.379219 °		77
78		Down	Erosion / Bank Caving		U	Inspector Comments: Apparent head cutting and horizontal deviation of more than 1 foot from designed grade or cross section. Corrective actions required to stop or slow erosion.	37.257036 ° -120.379219 °	Y	78
79		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.257036 ° -120.379219 °		79
80		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	37.257036 ° -120.379219 °		80
81	Healy Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Vegetation present on both banks and in channel.	37.246180 ° -120.434130 °	Y	81
82		Up	Shoaling / Sedimentation		A		37.246180 ° -120.434130 °		82
83		Up	Erosion / Bank Caving		M	Inspector Comments: You can't see the banks at this location to see if any erosion is present or not. Visibility is prohibited by wild growth.	37.246180 ° -120.434130 °		83
84		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.246180 ° -120.434130 °		84
85		Up	Encroachments		A	Inspector Comments: No Encroachments.	37.246180 ° -120.434130 °		85
86		Down	Vegetation & Obstructions		M	Inspector Comments: Vegetation present in channel and both banks. Flow is not impeded.	37.246180 ° -120.434130 °	Y	86
87		Down	Shoaling / Sedimentation		A		37.246180 ° -120.434130 °		87
88		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.246180 ° -120.434130 °		88

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough					16.00	07/19/2011 07/19/2011	Herman Phillips

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
89		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.246180 ° -120.434130 °		89
90		Down	Encroachments		N	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	37.246180 ° -120.434130 °		90
91	Hwy 59	Up	Vegetation & Obstructions		A		37.233961 ° -120.487872 °	Y	91
92		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.233961 ° -120.487872 °		92
93		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.233961 ° -120.487872 °		93
94		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	37.233961 ° -120.487872 °		94
95		Up	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.233961 ° -120.487872 °		95
96		Down	Vegetation & Obstructions		M	Inspector Comments: Vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW.	37.233961 ° -120.487872 °	Y	96
97		Down	Shoaling / Sedimentation		M	Inspector Comments: Non-aquatic grasses present on shoal, trees and other brush present, this could cause problem with flow downstream.	37.233961 ° -120.487872 °		97
98		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.233961 ° -120.487872 °		98
99		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection. No Revetments present.	37.233961 ° -120.487872 °		99
100		Down	Encroachments		A	Inspector Comments: No Encroachments at this location.	37.233961 ° -120.487872 °		100

*** Location**

LS : Land Side
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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

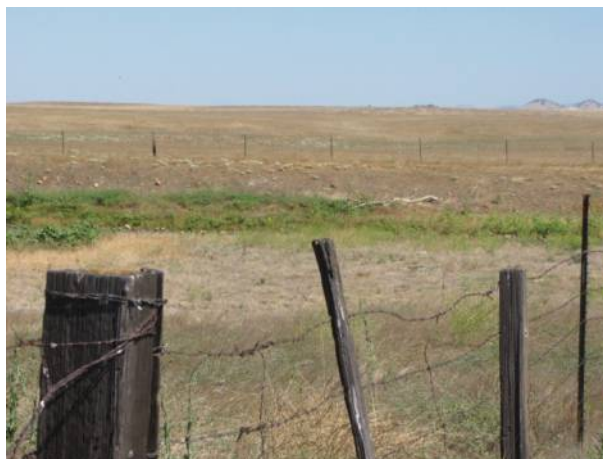
Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/19/2011 07/19/2011	Herman Phillips

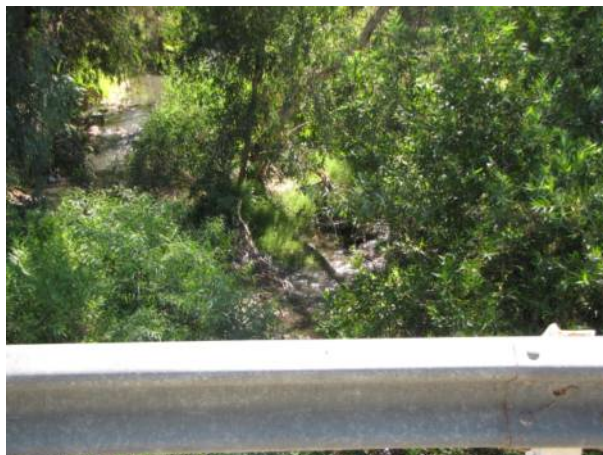
Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Standing off White Rock Road looking upstream of Mariposa Creek & Duck Slough. Photo taken 7-19-2011.	
phillips_c_20110722_013.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Standing on White Roack Road looking downstream at Mariposa Creek & Duck Slough looking downstream. 7-19-2011.	
phillips_c_20110722_014.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Standing on Fresno Road looking upstream at Mariposa Creek. Photo taken 7-19-2011.	
phillips_c_20110722_015.jpg	

*** Location**

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WS : Water Side
CR : Crown

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N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/19/2011 07/19/2011	Herman Phillips

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Shoaling / Sedimentation

Standing upstream of Fresno bridge crossing Mariposa Creek debris build up against bridge support(bend). Photo taken 7-19-2011.

phillips_c_20110719_012.jpg



Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Looking down from Fresno Bridge crossing Mariposa Creek. Photo taken 7-19-2011.

phillips_c_20110722_016.jpg



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Looking upstream from Cunningham Road at Mariposa Creek.

phillips_c_20110722_017.jpg



*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/19/2011 07/19/2011	Herman Phillips

Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Looking downstream from Cunningham road bridge crossing at channel. Photo taken 7-19-2011.

phillips_c_20110725_018.jpg



Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

From Hwy 140 looking upstream. Photo taken 7-19-2011.

phillips_c_20110725_019.jpg



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Looking downstream from Hwy 140 bridge crossing the Mariposa Creek. Photo taken 7-19-2011.

phillips_c_20110725_020.jpg



*** Location**

LS : Land Side
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C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/19/2011 07/19/2011	Herman Phillips

Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>From Burchell Rd looking upstream at Mariposa Creek, Owens Creek runs into Mariposa Creek at this location. Photo taken 7-19-2011.</p> <p>phillips_c_20110725_021.jpg</p>	



Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Looking downstream from Burchell Rd crossing the Mariposa Creek. Photo taken 7-19-2011.</p> <p>phillips_c_20110725_022.jpg</p>	



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>Plainsburg Rd crossing Mariposa Creek looking upstream. Photo taken 7-19-2011</p> <p>phillips_c_20110725_023.jpg</p>	

*** Location**

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C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/19/2011 07/19/2011	Herman Phillips

Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Plainsburg Rd. crossing Mariposa Creek looking downstream. Photo taken 7-19-2011	
phillips_c_20110725_024.jpg	



Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
From Whealan Rd. looking upstream. Photo taken 7-19-2011.	
phillips_c_20110726_025.jpg	



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Looking downstream from whealan road at Mariposa Creek. Photo taken 7-19-2011.	
phillips_c_20110726_026.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

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N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/19/2011 07/19/2011	Herman Phillips

Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Upstream of Arboleda Road crossing the Mariposa Creek/Duck Slough. 7-19-2011.	
phillips_c_20110726_027.jpg	



Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Downstream of Mariposa Creek/Duck Slough at Arboleda Road crossing. Photo taken 7-19-2011.	
phillips_c_20110726_028.jpg	



Levee Mile Report Line	78
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
Erosion exist on L/B slope of the Mariposa creek downstream from Arboleda road crossing, 37.25690 -120.37947. 7-19-2011.	
phillips_c_20110726_029.jpg	

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/19/2011 07/19/2011	Herman Phillips

Levee Mile Report Line	81
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Upstream of Mariposa Creek Healy road crossing. Photo taken 7-19-2011.	
phillips_c_20110726_030.jpg	



Levee Mile Report Line	86
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek downstream from Healy Rd. Photo taken 7-19-2011.	
phillips_c_20110726_031.jpg	



Levee Mile Report Line	91
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
View of Mariposa Creek upstream from Hwy 59, this channel appears to have been dredged at this location recently. 7-19-2011.	
phillips_c_20110726_032.jpg	

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	07/19/2011 07/19/2011	Herman Phillips

Levee Mile Report Line	96
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Downstream from Hwy 59 crossing Mariposa Creek. Photo taken 7-19-2011.	
phillips_c_20110726_033.jpg	

*** Location**

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Flood Control Project Maintenance**Unit Cover Sheet****2011 Channel Inspection Results****Merced Streams Group**

Channel
Miles Creek

Channel Rating	A
Date of Inspection	8/2/2011
DWR Inspector	Jim Eto
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Miles Creek					12.00	08/02/2011 08/02/2011	Jim Eto

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Childs Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Some vegetation, but does not appear to be enough to impede flow.	37.287900 ° -120.309480 °	Y	1
2		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.287900 ° -120.309480 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.287900 ° -120.309480 °		3
4		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.287900 ° -120.309480 °		4
5		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.287900 ° -120.309480 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: Some vegetation present, but does not appear to be enough to impede flow.	37.287900 ° -120.309480 °	Y	6
7		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.287900 ° -120.309480 °		7
8		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.287900 ° -120.309480 °		8
9		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.287900 ° -120.309480 °		9
10		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.287900 ° -120.309480 °		10
11	Santa Fe Dr	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be sufficient to impede flows.	37.284356 ° -120.315478 °	Y	11
12		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.284356 ° -120.315478 °		12
13		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.284356 ° -120.315478 °		13
14		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.284356 ° -120.315478 °		14

*** Location**

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**** Rating**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Miles Creek					12.00	08/02/2011 08/02/2011	Jim Eto

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
15		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.284356 ° -120.315478 °		15
16		Down	Vegetation & Obstructions		M	Inspector Comments: Channel is beginning to be overgrown, some of the vegetation appears to be woody vegetation and should be removed.	37.284356 ° -120.315478 °	Y	16
17		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.284356 ° -120.315478 °		17
18		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.284356 ° -120.315478 °		18
19		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.284356 ° -120.315478 °		19
20		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.284356 ° -120.315478 °		20
21	Plainsburg Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear as though it will impede flow.	37.282060 ° -120.324870 °	Y	21
22		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.282060 ° -120.324870 °		22
23		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.282060 ° -120.324870 °		23
24		Up	Revetments		N	Inspector Comments: No revetments at this location.	37.282060 ° -120.324870 °		24
25		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.282060 ° -120.324870 °		25
26		Down	Vegetation & Obstructions		M	Inspector Comments: Trees are beginning to grow in channel, appears to be a willow and black walnut, please remove.	37.282060 ° -120.324870 °	Y	26
27		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.282060 ° -120.324870 °		27
28		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.282060 ° -120.324870 °		28

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Miles Creek					12.00	08/02/2011 08/02/2011	Jim Eto

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
29		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.282060 ° -120.324870 °		29
30		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.282060 ° -120.324870 °		30
31	Gerard Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.280720 ° -120.331200 °	Y	31
32		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.280720 ° -120.331200 °		32
33		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.280720 ° -120.331200 °		33
34		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.280720 ° -120.331200 °		34
35		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.280720 ° -120.331200 °		35
36		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal vegetation does not appear to be enough to impede flow.	37.280720 ° -120.331200 °	Y	36
37		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.280720 ° -120.331200 °		37
38		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.280720 ° -120.331200 °		38
39		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.280720 ° -120.331200 °		39
40		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.280720 ° -120.331200 °		40
41	Whealan Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present, but does not appear that it will impede flow.	37.278630 ° -120.343030 °	Y	41
42		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.278630 ° -120.343030 °		42

*** Location**

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WS : Water Side
CR : Crown

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C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Miles Creek					12.00	08/02/2011 08/02/2011	Jim Eto

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
43		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.278630 ° -120.343030 °		43
44		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.278630 ° -120.343030 °		44
45		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.278630 ° -120.343030 °		45
46		Down	Vegetation & Obstructions		A	Inspector Comments: Very minor vegetation, does not appear as though it would impede flow.	37.278630 ° -120.343030 °	Y	46
47		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.278630 ° -120.343030 °		47
48		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.278630 ° -120.343030 °		48
49		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.278630 ° -120.343030 °		49
50		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.278630 ° -120.343030 °		50
51	Arboleda Dr	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation present, but does not appear to impede flow.	37.272980 ° -120.379090 °	Y	51
52		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.272980 ° -120.379090 °		52
53		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.272980 ° -120.379090 °		53
54		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.272980 ° -120.379090 °		54
55		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.272980 ° -120.379090 °		55

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
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PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Miles Creek					12.00	08/02/2011 08/02/2011	Jim Eto

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
56		Down	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.272980 ° -120.379090 °	Y	56
57		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.272980 ° -120.379090 °		57
58		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.272980 ° -120.379090 °		58
59		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.272980 ° -120.379090 °		59
60		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.272980 ° -120.379090 °		60
61	Orchard Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.269380 ° -120.397470 °	Y	61
62		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.269380 ° -120.397470 °		62
63		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.269380 ° -120.397470 °		63
64		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.269380 ° -120.397470 °		64
65		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.269380 ° -120.397470 °		65
66		Down	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.269380 ° -120.397470 °	Y	66
67		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.269380 ° -120.397470 °		67
68		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.269380 ° -120.397470 °		68
69		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.269380 ° -120.397470 °		69

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Miles Creek					12.00	08/02/2011 08/02/2011	Jim Eto

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
70		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.269380 ° -120.397470 °		70
71	Healy Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.263590 ° -120.434500 °	Y	71
72		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.263590 ° -120.434500 °		72
73		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.263590 ° -120.434500 °		73
74		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.263590 ° -120.434500 °		74
75		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.263590 ° -120.434500 °		75
76		Down	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.263590 ° -120.434500 °	Y	76
77		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.263590 ° -120.434500 °		77
78		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.263590 ° -120.434500 °		78
79		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.263590 ° -120.434500 °		79
80		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.263590 ° -120.434500 °		80
81	Tyler Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.263560 ° -120.469660 °	Y	81
82		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.263560 ° -120.469660 °		82
83		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.263560 ° -120.469660 °		83

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Miles Creek					12.00	08/02/2011 08/02/2011	Jim Eto

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
84		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.263560 ° -120.469660 °		84
85		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.263560 ° -120.469660 °		85
86		Down	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.263560 ° -120.469660 °	Y	86
87		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.263560 ° -120.469660 °		87
88		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.263560 ° -120.469660 °		88
89		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.263560 ° -120.469660 °		89
90		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.263560 ° -120.469660 °		90
91	Reilly Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.257780 ° -120.475090 °	Y	91
92		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.257780 ° -120.475090 °		92
93		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.257780 ° -120.475090 °		93
94		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.257780 ° -120.475090 °		94
95		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.257780 ° -120.475090 °		95
96		Down	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.257780 ° -120.475090 °	Y	96
97		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.257780 ° -120.475090 °		97

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Miles Creek					12.00	08/02/2011 08/02/2011	Jim Eto

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
98		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.257780 ° -120.475090 °		98
99		Down	Revetments		A	Inspector Comments: No revetments present at this location.	37.257780 ° -120.475090 °		99
100		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.257780 ° -120.475090 °		100
101	Hwy 59	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.	37.255920 ° -120.487940 °	Y	101
102		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.255920 ° -120.487940 °		102
103		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.255920 ° -120.487940 °		103
104		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.255920 ° -120.487940 °		104
105		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.255920 ° -120.487940 °		105
106		Down	Vegetation & Obstructions		M	Inspector Comments: Black walnut tree is growing in the channel, this can impede flow, please remove.	37.255920 ° -120.487940 °	Y	106
107		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.255920 ° -120.487940 °		107
108		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving at this location.	37.255920 ° -120.487940 °		108
109		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.255920 ° -120.487940 °		109
110		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments present at this location.	37.255920 ° -120.487940 °		110

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/02/2011 08/02/2011	Jim Eto

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Upstream view from Childs Ave. crossing.	
jeto_c_20110802_014.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Downstream view Childs Ave. crossing.	
jeto_c_20110802_015.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Santa Fe Dr. crossing looking upstream.	
jeto_c_20110802_016.jpg	

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/02/2011 08/02/2011	Jim Eto

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

08/02/2011 Santa Fe Dr. crossing downstream view, note woody vegetation on right side of channel.

jeto_c_20110802_017.jpg



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

08/02/2011 Plainsburg Road upstream view.

jeto_c_20110802_018.jpg



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

08/02/2011 Plainsburg Rd crossing, downstream view, Note woody vegetation on left side of channel.

jeto_c_20110802_019.jpg



*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/02/2011 08/02/2011	Jim Eto

Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Tree growing in channel downstream of Plainsburg Rd. crossing	
jeto_c_20110802_020.jpg	



Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Downstream view from Gerard Ave. crossing.	
jeto_c_20110802_021.jpg	



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Downstream view from Gerard Ave. crossing.	
jeto_c_20110802_022.jpg	

*** Location**

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CR : Crown

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N : Not Inspected, see Inspector Comment

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/02/2011 08/02/2011	Jim Eto

Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

08/02/2011 Downstream view from Whealan Rd. crossing.

jeto_c_20110802_023.jpg



Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

08/02/2011 Downstream view from Whealan Rd. crossing.

jeto_c_20110802_024.jpg



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

08/02/2011 Upstream view from Arboleda Dr. crossing.

jeto_c_20110802_025.jpg



*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/02/2011 08/02/2011	Jim Eto

Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Downstream view from Arboleda Dr. crossing	
jeto_c_20110802_026.jpg	



Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Upstream view from Archard Rd. crossing.	
jeto_c_20110802_027.jpg	



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Downstream view from Orchard Rd. crossing.	
jeto_c_20110802_028.jpg	

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/02/2011 08/02/2011	Jim Eto

Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

08/02/2011 Upstream view from Healy Rd. crossing.

jeto_c_20110802_029.jpg



Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

08/02/2011 Downstream view from Healy Rd. crossing.

jeto_c_20110802_030.jpg



Levee Mile Report Line	81
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

08/02/2011 Upstream view from Tyler Rd. crossing.

jeto_c_20110802_031.jpg



*** Location**

LS : Land Side
WS : Water Side
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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/02/2011 08/02/2011	Jim Eto

Levee Mile Report Line	86
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Downstream view from Tyler Rd. crossing.	
jeto_c_20110802_032.jpg	



Levee Mile Report Line	91
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Upstream view from Reilly Rd. crossing.	
jeto_c_20110802_033.jpg	



Levee Mile Report Line	96
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Downstream view from Reilly Rd. crossing.	
jeto_c_20110802_034.jpg	

*** Location**

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CR : Crown

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/02/2011 08/02/2011	Jim Eto

Levee Mile Report Line	101
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Upstream view from Highway 59 crossing.	
jeto_c_20110802_035.jpg	



Levee Mile Report Line	106
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Downstream view from Highway 59 crossing.	
jeto_c_20110802_036.jpg	



Levee Mile Report Line	106
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Tree growing in channel on downstream side of Highway 59 crossing.	
jeto_c_20110802_037.jpg	

*** Location**

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CR : Crown

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Flood Control Project Maintenance**Unit Cover Sheet****2011 Channel Inspection Results****Merced Streams Group**

Channel
Owens Creek

Channel Rating	A
Date of Inspection	8/2/2011
DWR Inspector	Jim Eto
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/02/2011 08/02/2011	Jim Eto

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Cunningham Rd	Up	Vegetation & Obstructions		A	Inspector Comments: No vegetation within channel noted.	37.289408 ° -120.251939 °	Y	1
2		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present	37.289408 ° -120.251939 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	37.289408 ° -120.251939 °		3
4		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.289408 ° -120.251939 °		4
5		Up	Encroachments		M	Inspector Comments: There is a wire fence across the channel on the upstream side attached to the bridge piles, this could be an obstruction during high flows. Needs to be removed or constructed so that it will not cause an obstruction during high flows.	37.289408 ° -120.251939 °	Y	5
6		Down	Vegetation & Obstructions		A	Inspector Comments: Vegetation is present, but not enough to impede flow during high water events.	37.289408 ° -120.251939 °	Y	6
7		Down	Shoaling / Sedimentation		A		37.289408 ° -120.251939 °		7
8		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.289408 ° -120.251939 °		8
9		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.289408 ° -120.251939 °		9
10		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments noted at this location.	37.289408 ° -120.251939 °		10
11	Childs Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Some vegetation, but does not appear to be enough to impede flows.	37.287269 ° -120.254914 °	Y	11
12		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.287269 ° -120.254914 °		12
13		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.287269 ° -120.254914 °		13
14		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.287269 ° -120.254914 °		14

*** Location**

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WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel				Channel Length	Inspection Start/End	Inspector
Owens Creek				2.88	08/02/2011 08/02/2011	Jim Eto

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
15		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments noted at this location.	37.287269 ° -120.254914 °		15
16		Down	Vegetation & Obstructions		A	Inspector Comments: Some minor vegetation present, but will not impede flows.	37.287269 ° -120.254914 °		16
17		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.287269 ° -120.254914 °		17
18		Down	Erosion / Bank Caving		A	Inspector Comments: Some minor bank caving, where channel changes direction, please monitor.	37.287269 ° -120.254914 °		18
19		Down	Revetments		N	Inspector Comments: No revetments present at this location.	37.287269 ° -120.254914 °		19
20		Down	Encroachments		M	Inspector Comments: Wire fence has been placed across the channel, fence is holding debris and needs to be constructed so it will not impede flows during high water events. Note removal of fence may accelerate the erosion at this point. See erosion comment.	37.287269 ° -120.254914 °	Y	20
21	Mission Ave extension	Up	Vegetation & Obstructions		A	Inspector Comments: Minor vegetation but does not appear to be enough to impede flow.	37.272920 ° -120.280840 °	Y	21
22		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.272920 ° -120.280840 °		22
23		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.272920 ° -120.280840 °		23
24		Up	Revetments		A	Inspector Comments: Rip rap has been placed on both upstream and downstream side of bridge.	37.272920 ° -120.280840 °		24
25		Up	Encroachments		A	Inspector Comments: No trash, debris or other encroachments noted at this location.	37.272920 ° -120.280840 °		25
26		Down	Vegetation & Obstructions		A	Inspector Comments: Minor downstream vegetation, but does not appear to be enough to impede flow.	37.272920 ° -120.280840 °		26
27		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.272920 ° -120.280840 °		27

*** Location**

LS : Land Side
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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector		
Owens Creek					2.88	08/02/2011 08/02/2011	Jim Eto		

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
28		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.272920 ° -120.280840 °	Y	28
29		Down	Revetments		M	Inspector Comments: Rip rap has been placed in the channel at its most constricting point, beneath the bridge, this will reduce the flow capacity of the channel. Please remove.	37.272920 ° -120.280840 °	Y	29
30		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments noted at this location.	37.272920 ° -120.280840 °		30
31	Diversion at Le Grand Canal, D/S Limit	Up	Vegetation & Obstructions		M	Inspector Comments: Vegetation is thick and obstructing flow.	37.273619 ° -120.277469 °	Y	31
32		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.273619 ° -120.277469 °		32
33		Up	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.273619 ° -120.277469 °		33
34		Up	Revetments		N	Inspector Comments: No revetments present at this location.	37.273619 ° -120.277469 °		34
35		Up	Encroachments		M	Inspector Comments: Possible excavation at this location, which appears to be impeding flow.	37.273619 ° -120.277469 °	Y	35
36		Down	Vegetation & Obstructions		A	Inspector Comments: No obstructions or vegetation noted, channel is lined at this location.	37.273619 ° -120.277469 °	Y	36
37		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	37.273619 ° -120.277469 °		37
38		Down	Erosion / Bank Caving		A	Inspector Comments: No visible erosion or bank caving.	37.273619 ° -120.277469 °		38
39		Down	Revetments		A	Inspector Comments: Concrete lined channel at this location, no apparent cracks or movement.	37.273619 ° -120.277469 °		39
40		Down	Encroachments		A	Inspector Comments: No trash, debris or other encroachments noted at this location.	37.273619 ° -120.277469 °		40

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/02/2011 08/02/2011	Jim Eto

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Upstream view from Cunningham Road crossing.	
jeto_c_20110802_001.jpg	



Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments
08/02/2011 Wire fence on upstream side of Cunningham crossing.	
jeto_c_20110802_002.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Cunningham crossing downstream view.	
jeto_c_20110802_003.jpg	

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/02/2011 08/02/2011	Jim Eto

Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Upstream view Childs Ave. crossing.	
jeto_c_20110802_004.jpg	



Levee Mile Report Line	20
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments
08/02/2011 Wire fence across channel downstream of Childs Ave. crossing.	
jeto_c_20110802_005.jpg	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Upstream view from Mission Ave. crossing.	
jeto_c_20110802_006.jpg	

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/02/2011 08/02/2011	Jim Eto

Levee Mile Report Line	28
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
08/02/2011 Downstream view from Mission Ave. crossing.	
jeto_c_20110802_007.jpg	



Levee Mile Report Line	29
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Revetments
08/02/2011 Mission Ave. crossing rip rap shown in channel.	
jeto_c_20110802_008.jpg	



Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
08/02/2011 Upstream view at Le Grand Canal. Note obstructive vegetation.	
jeto_c_20110802_009.jpg	

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2011

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/02/2011 08/02/2011	Jim Eto

Levee Mile Report Line	35
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments

08/02/2011 Photo shows what appears to be material placed in the channel, material is overgrown with vegetation, "Fresh" material can be seen on the right side of the photo.

jeto_c_20110802_011.jpg



Levee Mile Report Line	35
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments

08/02/2011 Photo taken looking downstream to what appears to be material placed in the channel. Siphon is in the background.

jeto_c_20110802_012.jpg



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

08/02/2011 Le Grand Canal, downstream view.

jeto_c_20110802_010.jpg



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